

APPROYED BY FORESTRY Jan rie

5-3-18 ITY FORESTER DATE

SAFETY NOTICE TO CONTRACTOR

NOTICE TO CONTRACTOR The location of existing underground utilities are shown in an approximation of existing underground utilities are shown in an approximation of the second force of th

CALL BEFORE YOU DIG

NORTH DAKOTA
UNLITTES UNDERGROUND LOCATION SERVICE

1-800-795-0555

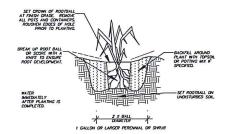
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### IRRIGATION PERFORMANCE SPECIFICATION

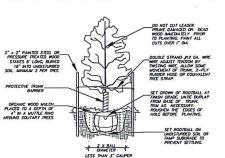
- CONTRACTOR SHALL DESIGN AND PROVIDE A PRICE FOR AN IRRIGATION SYSTEM ON THIS SITE, WATER CONNECTION SHALL BE BY MECHANICAL.
- RZ SYSTEM SHALL BE DESIGNED FOR 100% HEAD TO HEAD COVERAGE PROVIDING AT LEAST 1" OF MOISTURE PER WEEK. OVERSPRAY SHALL BE MINIMIZED ONTO PAVEMENT, SIDEWALKS, AND BUILDINGS. OUICK COUPLERS SHALL BE PROVIDED FOR WINTERIZATION.
- REJ IRRICATION CONTRACTOR SHALL MAKE ANY FIELD ADJUSTMENTS NECESSARY TO INSURE THAT THE COVERAGE IS HEAD TO HEAD. ALL CHANGES MUST BE DOCUMENTED. UPON COMPLETION OF THE JOB AN AS BUILT DRAWING INCLUDING PIPE SIZES, VALVE LOCATIONS AND HEAD LOCATIONS MUST BE GIVEN TO THE OWNER OR OWNERS REPRESENTATIVE.
- R4) IRRIGATION CONTRACTOR SHALL FOLLOW ALL RECOMMENDED PRACTICES AS SET FORTH BY THE MANUFACTURER'S SPECIFICATIONS AND THE IRRIGATION ASSOCIATION.
- RS IRRIGATION CONTRACTOR SHALL INCLUDE THE FIRST YEARS WINTERIZATION IN THE COST OF THE PROJECT.

### IRRIGATION CONDUITS

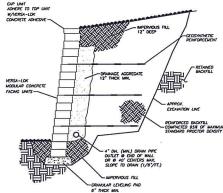
(D) CONTRACTOR SHALL INSTALL IRRIGATION CONDUITS TWO TEET BELOW PHYSH CRADE ARCROSS PAMED AREAS TO EARLS AND ARCROSS PAMED AREAS TO EARLS AND ARCROSS BEING MISTALLED, CONTRACTOR SHALL PROVIDE ASSIBLT DEARWASS OF CONDUITS WITH MINIMUM TWO DIMENSIONS TO KNOWN SURFACE FEATURES.



SHRUB/PERENNIAL PLANTING DETAIL
TYPICAL FOR ALL SHRUBS AND PERENNIALS



TREE PLANTING DETAIL
TYPICAL FOR ALL DECIDUOUS, SINGLE-TRUNK, TREES



TYPICAL SECTION-REINFORCED RETAINING WALL NIS

RETAINING WALL NOTES

- REWFORCED RETAINING WALL SHALL BE CONSTRUCTED OF VERSA-LOK STANDARD RETAINING WALL SYSTEM OR AN ENGINEER APPROVAL COLOR SHALL BE GRAY AND TEXTURE OF WALL SHALL BE SUBMITED TO OWNER FOR THER APPROVAL.
- RETAINING WALL SHALL HAVE COMPACTED SAND OR CRAVEL BACKFILL WITH

### GENERAL LANDSCAPING NOTES FOR ALL SHEETS

- \$\tilde{\Omega} \text{ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
- PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJOINING PROPERTIES. PROVIDE BARRICADES, COVERINGS OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EASING UTILITIES.
- DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- ALL PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 2" CRUSHED ROCK MULCH, LANDSCAPE FABRIG WITH A WINIMUM WEIGHT OF 4 OZ,/SY, AND WHEREVER NECESSARY, 6" POURED IN PLACE CONCRETE EDIONG TO CONTINUT THE PLANTING BED.
- ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. IF WATER IS NOT AVAILABLE AT THE BUILDING THE LANDSCAPE CONTRACTOR SHALL PROMDE ALTERNATIVE METHODS FOR WATERING.
- SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MUTTLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
- CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING: FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
- (A) LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL, AND OTHER LANDSCAPING IMPROVEMENTS UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL

- TOPSOIL IS STOCKPILED ON SITE AND MILL BE PLACE FOR THE LANDSCAPE CONTRACTOR TO SPREAD AND PHISH GRADE. ALL PORTIONS OF THE SITE NOT RECEIVING CONCRETE, CURB & CUTTER OR OTHER IMPROVEMENTS SHALL BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL AND SEEDED ACCORDING TO SPECIFICATIONS.
- TOPSOIL SHALL BE PLACED AND SEEDED AS SOON AS PRACTICAL TO MINIMIZE WIND A WATER EROSION. BACKFILL BEHIND CURB AND CUTTERS AND SUEWALK AS SOON AS REASONABLE TO PREVENT STANDING WATER AND PROTECT THE IMPROVEMENT.

# SEEDING NOTES

- SEEDING SHALL CONFORM TO THE MOST RECENT VERSION OF THE CITY OF BISMARCK CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL PUBLIC WORKS IMPROVEMENTS FOR SEEDING EXCEPT WHERE MODIFIED HERBIN.
- CONDITION WITH NO DEBRIS OR ROCKS LARGER THAN 2" IN DIAMETER.
- FERTILIZE SOIL DURING THE SEEDING PROCESS USING AN APPROPRIATE APPLICATION PROCESS. FERTILIZER SHALL BE 10-10-10 AND APPLIED AT A RATE OF 4 LBS. PER 1000 SQUARE FEET.
- SEED SHALL BE CLASS II FOR SUNNY AREAS PER CITY OF BISMARCX SPECIFICATIONS AND DRILL SECRED. TO A DEPTH OF 1/4" TO 1/2" AND SHALL BE EVENLY SPECIA.

  SEED IS APPLIED TO FROM THE SOL, AROUND THE SEED. AND SEED SHALL BE FACED ON DAYS INFERE THE WIND IS STRONG ENOUGH TO PREVENT IT FROM BEING PROPERLY IMPEDIED INTO THE SOL. AROUND THE SEED. AND SEED SHALL BE PLACED ON DAYS INFERE THE WIND IS STRONG ENOUGH TO PREVENT IT FROM BEING PROPERLY IMPEDIED INTO THE SOL.
- SEED MUST SHOW A DENSITY OF 20 TO 30 SEEDLINGS PER SQUARE FOOT BEFORE ACCEPTANCE MILL OCCUR. THE CONTRACTOR SHALL FURNISH AND REPLACE MITHOUT ADDITIONAL COMPENSATION THEREFORE ANY SEED FOR AREAS THAT HAVE NOT GERMINATED, HAVE DED, OR ARE DAMAGED TO THE EXCENT THAT REPLACEMENT IS REQUIRED TO CONFIRM TO THE REQUIREMISTS OUTLINED ABOVE. THE CONTRACT WARRANTY PERIOD SHALL ALSO APPLY TO THIS TIEM.
- ALL PORTIONS OF THE STE THAT ARE TO BE SEEDED SHALL BE HYDROMULCHED. HYDROMULCH SHALL BE A WOOD CELLUIOSE FIBER MULCH. MULCH SHALL BE FREE OF GERMINATION OF GROWINH INVIBITION SUBSTAINCES. AS MELL AS ANY NOXIOUS WEED SEED MULCH SHALL BE TREATED WITH A TACK AND FIBER TO ENHANCE SEED AND MULCH PLACEMENT AND ADMERICACE TO THE SOLL. THE HYDROMULCH SHALL BE APPLIED AT A RATE OF 2000 LBS/ACRE USING HYDRAULIC SPRAY EQUIPMENT.

## FENCING NOTES

(F) A 6' HIGH ENCLOSURE WITH GATE OPENING TO THE NORTHWEST SHALL BE INSTALLED AROUND DUMPSTER PAD. SEE ARCHITECTURAL PLANS FOR ENCLOSURE DETAILS.

### LANDSCAPING REQUIREMENTS

REQUIRED INTERIOR LANDSCAPING: 520 SF 8 SHRUBS 3 SHADE TREES

REQUIRED STREET TREES TURNPIKE AVENUE (148 LF) 3 PER 100 FEET = 5 TREES

CAPITOL AVENUE (212 LF) 3 PER 100 FEET = 7 TREES REQUIRED PERIMETER PARKING: TURNPIKE AVENUE 1 TREE AND 4 SHRUBS

CAPITOL AVENUE 3 TREES AND 14 SHRUBS

TECHNY CLOBE ARBORVITAE

PROVIDED INTERIOR LANDSCAPING: 615 SF 8 SHRUBS 3 SHADE TREES

PROVIDED STREET TREES: 5 TREES

PROVIDED STREET TREES: 7 TREES PROVIDED PERIMETER PARKING 1 TREE AND 4 SHRUBS

3 TREES AND 14 SHRUBS

PLANT PALETTE COMMON NAME SCIENTIFIC NAME SIZE 1-1/2" Co LITTLE LEAF LINDEN lia cordata 1-1/2° Cal. PRING SNOW CRABAPE dus 'Sorina Snow MAGIC CARPET SPIREA
NEON FLASH SPIREA MAGIC CARPET SPIRE 2 Gallon

SCALE: 1" = 20

NGVD 29 DATUM





Landscape Plan

FOR REGULATORY **REVIEW ONLY** - NOT FOR CONSTRUCTION

2 Gallon

C5.0



REVISIONS MARK DATE DESCRIPTION 05-01-18 ADDITIONAL LANDSCA

Construction

Documents

April 23, 2018

J2 Project No. J21714

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Office





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